

SZN1204D-IR Intelligent Traffic Flash Lamp



Product Overview

SZN1204D-IR is a low-power and high-performance auxiliary lighting source developed for the application system of vehicle license plate recognition. The camera system can capture clear license plate, vehicle type and human face inside the vehicle when there is no light at all.

Feature

It is used at entrances and toll stations with high luminous efficiency, long service life, good stability and high reliability. It can activate high power flash in the night, effectively reducing eye irritation.

Application

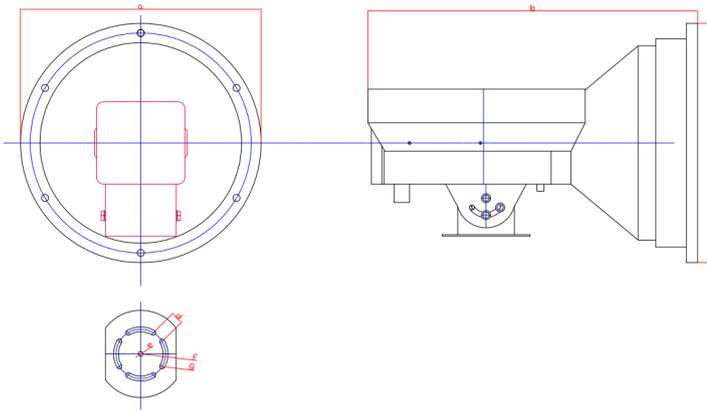
Applied to capture at the entrance and the toll station.

Technical Specification

Item	Specification
Working voltage	AC220V±10%/48Hz~52Hz
Wavelength	700nm near IR
Flash energy	Max. 200J
Peak flash duration	< 0.5ms
Recycle time	< 65ms
Lifespan	≥10 million times
Effective distance	18m~25m
Flash trigger method	3.3-12V electrical level / switching value
Working temperature	-20~+55°C(-40°C is available/light decay)
Working humidity	5%~95%@40°C, No condensation
Protection level	IP65
Net Weight	5.5kg
Dimension	340mm*466mm*340mm

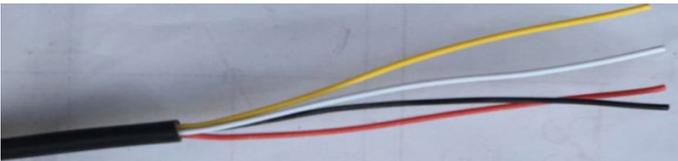
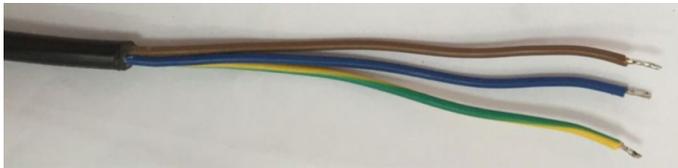
Intelligent Traffic Flash Lamp

Picture & Dimension



a: 340mm	b: 466mm
c: 340mm	d: 17.5mm
e: 7mm	f: 35mm
g: 3.5mm	

Wiring Definition



Base pin	Color of outgoing wire	Signal
1	Brown	Input AC220V L-line
2	Blue	Input AC220V N-line
3	Yellow-Green	Input AC220V PE
4	Red	Flash trigger + (3.3-12v electrical level)
5	Black	Flash trigger - (3.3-12v electrical level)
6	Yellow	Flash trigger + (switching value)
7	White	Flash trigger - (switching value)

Matters need attention

1. It is forbidden to install this product upside down.
2. Except artificial reason and the force majeure, the light tube is under 7million times warranty, control circuit has 24months warranty, lifetime maintenance with cost price.
3. This lamp is expendable, light decay is normal phenomenon after long time use.
4. Using outdoor electronic product safety reasons, the ground wire must be connected to the qualified ground device to protect the products.
5. The product powered with high voltage. It is strictly prohibited to open personally.
6. To avoid water in, the power port must be downward and the power wire must not be tighten.
7. We seek to make the accuracy between product and data, but we can't cover all the application field. Specification and design are subjected to change without notice.